Sencillo© School Bus
Mirror Adjustment Method

Purpose:

Never intended for use as a mirror adjustment tool, FMVSS 111 was written to ensure school bus manufacturers supply mirror systems that meet a complex set of performance requirements for each of their school bus models.

The Sencillo School Bus Mirror Adjustment Method and Grid have been created as a bridge between the manufacturers FMVSS 111 compliance testing and everyday mirror usage thus enabling school bus drivers to properly adjust their mirrors as simply and quickly as possible.

Cross View Mirror Adjustment:

1. Park the bus as indicated by the Sencillo School Bus Adjustment Grid, with the center of the front bumper adjacent to the center of the #2 dot and parallel with the extended green sidelines.

   Note: Perform the following steps the first time a bus is parked on the test grid to simplify future adjustments.
   1. Designate the color zone of the buses rear axle (red, yellow or blue). If the rear axle falls within 6" of a color zone change, use the next color zone closest to the front of the bus.
   2. After the color zone has been designated, attach a corresponding red, yellow or blue sticker to the dash panel of the bus directly in front of the steering wheel to simplify future mirror adjustments.

2. When the right hand or curb side cross view mirror is properly adjusted, the following cues should be visible:
   a. All of the red dot marked 1
   b. All of the red dot marked 2
   c. All of the red dot marked R
   d. All of Line 1R including the green, red, yellow and blue color zones.
   e. The entire designated color zone of Line 2R as indicated by the dash sticker.

3. When the left hand or driver's side cross view mirror is properly adjusted, the following cues should be visible:
   a. All of the red dot marked 1
   b. All of the red dot marked 2
   c. All of the red dot marked L
   d. All of Line 1L including the green, red, yellow and blue color zones.
   e. The entire designated color zone of Line 2L as indicated by the dash sticker.

Rear View Mirror Adjustment:

Note:
Due to differing philosophies, this section will address adjustment of the "mirror system" as designated by FMVSS 111. As such, details of which mirror will be used to view which visual cues is up to the discretion of the local Transportation Director and/or Safety Trainer.

1. When the right hand or curb side rear view mirror system is properly adjusted, the following cues should be visible:
    a. The entire designated color zone of Line 1R as indicated by the dash sticker.
    b. The horizon behind the school bus.
    c. Verify there is a visibility overlap between the flat and convex mirrors by identifying a single object or cue that is visible in both mirrors.

2. When the left hand or driver's side rear view mirror system is properly adjusted, the following cues should be visible:
    a. The entire designated color zone of Line 1L as indicated by the dash sticker.
    b. The horizon behind the school bus.
    c. Verify there is a visibility overlap between the flat and convex mirrors by identifying a single object or cue that is visible in both mirrors.

The Sencillo School Bus Mirror Adjustment Method is provided courtesy of
Mirror Lite Company, Inc.